

**What is claimed is:**

1           1.    A lacrosse goalie stick head for attachment to  
2   a lacrosse stick, comprising:  
3               a frame element including:  
4               a rear arcuate wall;  
5               a pair of opposing sidewalls extending  
6   generally outwardly from said rear arcuate wall; and  
7               a scoop located opposite said rear arcuate wall  
8   which connects said pair of opposing sidewalls;  
9               said frame element defining an open area for  
10  receiving a lacrosse ball;  
11              a throat portion connecting to and extending  
12  rearwardly from said rear arcuate wall, said throat  
13  portion having a socket formed therein for receipt of a  
14  lacrosse stick;  
15              a plurality of net attachment structures formed  
16  in the goalie stick head for attachment of a netting  
17  thereto; and  
18              at least one flange extending generally  
19  outwardly away from said open area to assist in directing  
20  said lacrosse ball into said open area.

1           2.    A goalie stick head as recited in claim 1  
2   wherein said flange is attached adjacent to an upper edge  
3   of said frame element.

1           3.    A goalie stick head as recited in claim 2  
2   wherein said flange is attached to said upper edge of  
3   said frame element.

1           4.    A goalie stick head as recited in claim 1  
2   wherein said traverse top wall, said pair of opposing

3 sidewalls, said base, and said at least one flange are  
4 formed integrally as one unitary structure.

1 5. A goalie stick head as recited in claim 1  
2 wherein said at least one flange is attached to a first  
3 sidewall of said pair of sidewalls and the head further  
4 comprises:

5 a second flange attached to a second sidewall  
6 of said pair of sidewalls.

1 6. A goalie stick head as recited in claim 5  
2 wherein said first flange and said second flange each  
3 have a longitudinal edge on an outer periphery that  
4 diverge with respect to a centerline of said throat  
5 portion.

1 7. A goalie stick head as recited in claim 5,  
2 wherein said first flange and said second flange each  
3 have a longitudinal edge on an outer periphery that are  
4 configured such that said frame element has a generally  
5 rectangular periphery.

1 8. A goalie stick head as recited in claim 5  
2 wherein said first sidewall and said second sidewall  
3 further comprise:

4 a plurality of slots; and

5 a plurality of ribs, wherein each rib of said  
6 plurality of ribs is located between a pair of slots of  
7 said plurality of slots.



4 a lower portion, wherein said upper portion and  
5 said lower portion are integrally connected and form a  
6 ridge therebetween;

7 said ridge being continuous around the  
8 perimeter of an outer surface of said frame element.

1 16. A goalie stick head as recited in claim 1  
2 wherein the lacrosse goalie stick head is formed by an  
3 injection molding process.

1 17. A goalie stick head as recited in claim 1  
2 wherein the lacrosse goalie stick head is formed from one  
3 of the following urethane, nylon, polyvinyl chloride,  
4 polyester, or a plastic material.

1 18. A lacrosse goalie stick head for attachment to  
2 a lacrosse stick, comprising:

3 a frame element having a rear arcuate wall, a  
4 pair of opposing sidewalls extending generally outwardly  
5 from said rear arcuate wall, and a scoop located opposite  
6 said rear arcuate wall, which connects said pair of  
7 opposing sidewalls;

8 said frame element defining an open area for  
9 receiving a lacrosse ball;

10 a throat portion connecting to and extending  
11 rearwardly from said rear arcuate wall, said throat  
12 portion having a socket formed therein for receipt of a  
13 lacrosse stick;

14 a plurality of net attachment locations formed  
15 in the goalie stick head for attachment of a netting  
16 thereto; and

17                   at least one flange extending generally  
18 outwardly away from said open area, each of said at least  
19 one flange having an outer surface that is raised with  
20 respect to an inner surface.

1           19. A goalie stick head as recited in claim 18  
2 wherein said at least flange extends generally outwardly  
3 from one of said pair of opposing sidewalls, the head  
4 further comprises:

5                   a second flange attached to a second sidewall  
6 of said pair of sidewalls.

1           20. A goalie stick head as recited in claim 18  
2 wherein an outer surface of each of said first flange and  
3 said second flange diverges from a centerline of said  
4 throat portion.

1           21. The goalie stick head as recited in claim 18,  
2 wherein at least a portion of said at least one flange  
3 constitutes an inward lip that extends from said rear  
4 arcuate wall away from said open area.

1           22. The goalie stick head as recited in claim 21,  
2 wherein said inward lip has an outer surface that is  
3 raised with respect to said rear arcuate wall.

1           23. The goalie stick head as recited in claim 19  
2 wherein at least one of said first flange or said second  
3 flange has a plurality of stiffening structures in  
4 contact with an underside of said flange.

1           24. The goalie stick head as recited in claim 18,  
2 wherein said at least one flange is planar between said  
3 inner surface and said outer surface.

1           25. The goalie stick head as recited in claim 18,  
2 wherein said at least one flange is curved between said  
3 inner surface and said outer surface.

1           26. The goalie stick head as recited in claim 18,  
2 wherein said throat portion has at least one recess  
3 formed therein for receipt of a user's finger.

1           27. A lacrosse goalie stick head, comprising:  
2               a base;  
3               a pair of sidewalls that extend from said base;  
4               a scoop located opposite said base and  
5 connecting said pair of sidewalls;  
6               said base, said pair of sidewalls, and said  
7 scoop define an open area therebetween for receiving a  
8 lacrosse ball;  
9               a throat portion extending generally rearwardly  
10 from said base, said throat portion having a socket  
11 formed therein for receipt of a lacrosse stick; and  
12               each of said pair of sidewalls having an  
13 outwardly extending portion, which is intended to contact  
14 a lacrosse ball on its top surface.

1           28. The goalie stick head as recited in claim 27,  
2 wherein said outwardly portion is attached to an upper  
3 portion of each of said sidewalls.

1           29. The goalie stick head as recited in claim 27,  
2 wherein said outwardly extending portion is attached to  
3 an upper periphery of said at least one sidewall.

1           30. The goalie stick head as recited in claim 27,  
2 wherein said each of said outwardly extending portions is  
3 inclined such that an outer edge is raised with respect  
4 to an inner edge.

1           31. The goalie stick head as recited in claim 30,  
2 wherein each of said outwardly extending portions is  
3 planar between said outer edge and said inner edge.

1           32. The goalie stick head as recited in claim 30,  
2 wherein each of said outwardly extending portions is  
3 curved between said outer edge and said inner edge.

1           33. The goalie stick head as recited in claim 27,  
2 wherein each of said outwardly extending portions has an  
3 outer edge that is raised with respect to an upper  
4 periphery of each of said sidewalls.

1           34. The goalie stick head as recited in claim 27,  
2 further comprising:

3                 an inwardly extending lip that extends from  
4 said base in a direction away from said open area.

1           35. The goalie stick head as recited in claim 27,  
2 wherein each of said outwardly extending portions has a  
3 plurality of support structures in contact with an  
4 underside thereof.

1           36. A lacrosse goalie stick head, comprising:  
2           a base;  
3           a pair of sidewalls that extend from said base;  
4           a scoop located opposite said base and  
5 connecting said pair of sidewalls;  
6           an open area for receiving a lacrosse ball  
7 being defined by said base, said pair of sidewalls, and  
8 said scoop.  
9           a throat portion extending generally rearwardly  
10 from said base, said throat portion having a socket  
11 formed therein for receipt of a lacrosse stick; and  
12           an outwardly extending flange attached to a top  
13 surface of each of said sidewalls in order to  
14 significantly increase the blocking area of the lacrosse  
15 heads.  
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